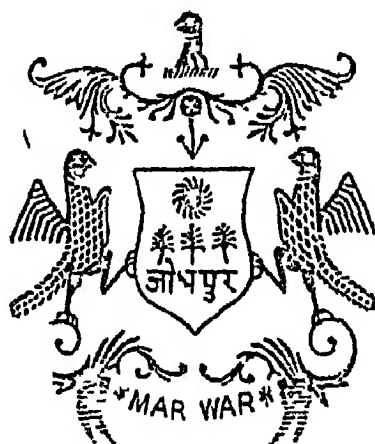


PROGRESSIVE REPORT.
OF
FOREST ADMINISTRATION
IN THE,



Jodhpur State Rajputana.

FOR THE YEAR 1901-1902.

BY

PANGHOLI LACHMAN DAS,

Superintendent of Forest Department

JODHPUR:

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REVIEW.

AREA.—There has been no alteration under the head of Forest Conservancy, while the fuel and fodder reserves had an addition of 4 square miles.

BOUNDARIES.—The work of the replacement of rubble masonry pillars by pucca ones progressed satisfactorily.

SURVEY AND WORKING PLANS.—The operations of the Desuri Forests regarding the felling of trees as sketched in the provisional working plan have been deferred pending the creation of a market for the fuel. Two depots were opened one at Sojat Road and the other at Marwar Junction and both of them are reported to be working well.

GENERAL PROTECTION AND BREACHES OF THE LAW.—The increase in the cases is ascribed to the partial scarcity then prevailing.

FOREST FIRES.—2,14,700 acres were attempted to be protected, out of which the percentage of the failure is quite inappreciable. The burning of main fire line between Meywar and Marwar stands abandoned for want of co-operation on the part of the Meywar authorities.

NATURAL REPRODUCTIONS.—The sowings sprouted well, as the rains in the beginning were sufficient but the subsequent drought stunted their growth.

ARTIFICIAL REPRODUCTION.—Babul and Nim were sown in pits and bamboo rhizomes planted along the ravines; but with no good results as the rains were partial.

YIELD AND WORKING.—The removal both of timber and fuel shows a satisfactory increase over the preceding year, owing to the comparatively improved condition of the market.

FINANCIAL RESULTS.—The finances show an improvement; as they give a surplus of 4,043 against 376 of the last year.

JODHPUR: }
dated 31st May 1903. }

RAO BHADUR PANDIT SUKHDEO PRASHAD, C. I. E.

Senior Member, *Mahkma Khas.*

PROGRESS REPORT
OF
FOREST ADMINISTRATION
IN THE
MARWAR STATE
FOR
1901-1902.

INTRODUCTION.

1. The reservation of the Jaswantpura and Jalor forests had again to be deferred to some more favorable conditions presenting themselves.
2. Two new depots were started, one at Sojat Road and the other at Marwar Junction ; both gave good results, promising further improvement.
3. The surveying of the forests to 4 miles to an inch scale was continued.

CHAPTER I.

Areas and Boundaries.

4. There were no changes under Forest Conservancy and the area remained the same as last year ; the Fuel and Fodder Reserves had an addition of 4 square miles, the total area standing at close of year as below :—

Khalsa Forests ...	... 265·11 square miles.
Fuel and Fodder Reserves ...	11·70 „ „
Jagir Forests ...	... 70·37 „ „

5. The work of replacing dry rubble masonry pillars by *pucca* ones was continued and 148 pillars in Godwar and 30 in Sojat Range were constructed at a cost of Rs 224/15/0.

6. The kacha pillars were white-washed, renumbered and kept in good order.

CHAPTER II.

**Surveying, Working Plans, and
Plan of Operations.**

7. The surveying of the Sojat Range was, with the exception of about 10 square miles, completed.

8. The Desuri Provisional Working Plan did not work for want of market for the out-turn and it stands almost abandoned. Working Plans, although so very important to regulate fellings, can not well be attempted without a market for the produce and it is as important to create one before they are entered upon. The idea is being put into practice in Sojat Range, where special attention is being given to the establishment of a number of sale depots with the two-fold objects of :—

(1) bringing the produce within a convenient reach of the public, increasing thereby its sale.

(2) diminishing as much as possible the chances of the purchaser being let loose in the forests.

9. A plan of operations was as usual prepared and acted upto.

CHAPTER III.

General protection and Breaches of the Law.

10. The criminal tribes and the Grassias, as a whole, remained pretty quiet.

11. 19 cases were sent to Hakumat and 19 pending from the last year brought the total to 38 cases involving 50 persons. Of them 33 cases were disposed of, involving 43 persons. Convictions were obtained in 16 cases involving 21 men. Of the above the Honorary court of Raipur tried 8 cases. 666 cases were compounded departmentally, as against 225 last year. Last year was a year of plenty and the forests were not, so far as grass and other minor produce go, much drawn upon.

12. The following table shows the result of the 2 years.

RANGE.	CASES COMPOUNDED.						Average per case.			Average per person.			Remarks.
	Number of cases.	Number of persons.	Amount.										
Sewari	93	168	183	12	3	1	15	6	1	1	5	
Desuri	40	596	1,097	...	9	27	6	10	1	10	9	
Sojat	95	128	95	14	6	1	...	2	...	12	...	
Siwana	72	106	72	10	6	1	...	2	...	11	...	
Parbatsar	30	40	4	14	6	...	2	7	...	1	11	
Pali	
Raipur	336	368	626	...	6	1	13	9	1	11	2	
Ghanerao	
Total	666	1,406	2,080	5	...	3	2	...	1	7	8	
1900-1901.	...	225	438	954	8	9	4	3	11	2	2	10	

Grass and Grazing.

13. As usual the forests remained closed to camels, sheep and goats throughout the year. The rains closed early and the horned cattle had to be admitted before the usual time.

14. The restrictions to cut and collect grass, given up last year, owing to sickness &c., were again put on and no free grass cutting was allowed beyond the limited time.

15. The following statement shows the number of Cattle grazed in the forests:—

RANGE.	CATTLE.				Remarks.
	Right holders.	Out siders.	Free.	Total.	
Sewari ...	494	.....	.....	494	
Desuri ...	102	146	.....	248	
Sojat ...	400	400	.....	800	
Siwana ...	2,354	99	.....	2,453	
Parbatsar ...	1,811	5	.....	1,816	
Raipur ...	2,491	51	.....	2,542	
Ghanerao ...	420	6	.....	426	
Total ...	8,072	307	.....	8,379	
1900-1901.	7,555	58	.....	7,613	

16. 7089 cattle were impounded against 3548 last year; the scarcity of grass outside the forests accounts for the increase.

RANGE.	DESCRIPTION OF CATTLE.				Total.	Remarks.
	Cows	Buffalows	Sheep and Goats.	Other kind.		
Desuri ...	3	.....	458	1	462	
Sojat ...	14	.....	208	27	249	
Siwana ...	233	17	5,233	59	5,542	
Parbatsar ...	115	1	517	3	636	
Raipur ...	46	5	148	1	200	
Total ...	411	23	6,564	91	7,089	
1900-01.	76	12	3,405	55	3,548	

Forest Fires.

17. The protection of the forests against fire was successful to a desirable extent. There were 9 fires burning in all 748 acres, from a fire protected area of 2,14,700 acres, giving a percentage of 31. The fires occurred in Bhimana (50 acres), Desuri (2 acres), Bijapur (140 acres), Kot (324 acres), Rajpura (40 acres), and Raipur (192 acres). The cost of protection came to Rs. 290/4/- or Re. 1/- per mile.

18. The work of cutting trees from the main fire line between Meywar and Marwar stands abandoned, for want of co-operation on part of Meywar authorities.

Natural Reproduction.

19. It was unsatisfactory.

The rains were alright to begin with and a good crop of seedlings of Kher, Dhau, Salar &c. came up, but they could not hold against the following drought and died away.

20. The following table will show the results of the areas coppiced previously:—

21. Godhwar Range.

			L.	G.
Sadhri	...	{ Kantia Dhau.	... 9'-2"	3.2"
		{ Khair.	... 14'	6.8"
		{ Kuntia.	... 10'-4"	3"
Behra	...	{ Dhau.	... 14'-5"	5.2"
		{ Khair.	... 13'-1"	4.2"
		{ Siris.	... 15'-6"	4.4"
		{ Gol.	... 22'-4"	1.3"

22. Sojat Range.

Gudha	...	{ Kantia Dhau.	... 11'-	9"
		{ Bor	... 10'	8"
		{ Kuntia	... 9'-	7½"

Artificial Sowing.

23. *Godhwar Range*.—3,439 pits in Mandigar and 2,231 in Seotalao were sown with Babool and Nim, and Rs. 5/8/ spent over the operation.

24. 3,000 bamboo rhizomes were planted out in Nana and Behra forests along the ravines for Rs. 3/12/. They had all to begin with a good start, the bamboos as well as babool, but the subsequent drought undid it.

25. The nursery at Sewari was abandoned, the idea to plant the Erinpura Cantonment Road with Nim trees being given up. The mango nursery in Sadri Garden was also made over to the contractor whom the garden had been ceded.

26. Seeds of sorts were sown broad-cast in blanks in Sojat and Siwana Ranges through Forest guards. They did not yield any good results for want of rains.

Roads and Buildings.

(1) ROADS.

27. *Sicana Range*.—A bridle path in Bhagwan forests was repaired for Rs. 20/11/6 and another undertaken in Siwana forests, which remained unfinished till close of the year.

28. *Godhwar Range*.—No new roads were laid out; the existing ones only were repaired for Rs. 5/8/.

(2) BUILDINGS.

29. *Godhwar Range*.—The existing chowkies were repaired for Rs. 81/4/ and no new houses built.

30. *Desuri Range*.—No new houses were built. Old ones were repaired for Rs. 32/.

31. *Sojat Range*.—The Chowki at Kantaha was finished and that at Shiriari further extended costing Rs. 100/.

(32.) *Sirana Range*.—Forest chowkis at Kundal, Mokalsar and Siwana were completed and Rs 131/ spent on them.

CHAPTER IV.**Yield and Working.**

(33.) The out-turn of timber and fuel expressed in cubic feet compared with that of the previous year as follows:—

Description.	TIMBER.		FUEL.		Remarks
	1900-1901.	1901-1902	1900-1901.	1901-02.	
Removed by Raj Agency ...	804	831	1,42,372	4,800	
" " Purchasers ...	4,050	8,756	66,124	86,118	
" " Right-holders.	2,455	6,426	1,25,677	1,54,508	
" " Free grants...	...	...	...	...
Total ...	7,309	16,012	3,34,173	2,45,516	
Raipur ...	783	1,405	19,713	96,893	
Ghanerao ...	1,894	1,039	3,360	16,600	
Grand total ...	9,986	18,456	3,57,246	3,59,009	

(34.) The comparative value of minor produce removed during the year under report and that of the previous one is as follows:—

Description	VALUE.		Remarks.
	1900-1901	1901-1902	
Removed by Raj Agency ... ..	...	1,206	
„ „ Purchasers	1,185	1,948	
„ „ Right-holders	6,267	3,935	
„ „ Free grants ... ..	...	...
Total	7,452	7,089	
Raipur	505	476	
Ghanerao	188	238	
Grand Total	8,145	7,803	

(35.) This year was, although in itself bad enough, a decided improvement upon the preceding 2 years of famine and sickness and both the purchasers and right-holders removed a larger amount of timber and fuel than they did last year, although the normal figures have yet to be reached. The removal of minor produce has also in the same way improved.

I Departmental Operations.

(36.) The outturn of timber removed was the same as last year, 831 as against 804 cubic feet. That of fuel fell heavily, coming to 4,800 against 1,42,372 cubic feet. It is so from the fact that the fuel that was collected in the last 2 years for famine camps remained in hand and it was not necessary to cut any afresh till the former could be sold away.

(37.) 345 maunds of charcoal were prepared and sent mostly to Jodhpur Depot for sale.

(38.) 10,156 bamboos were cut departmentally with a view mainly to lend relief to the grassias.

(39.) 4,405 maunds of grass were cut for supplying the Sardar Rasala.

II Removal by Purchasers.

(40.) The removal of timber, as stated above, has improved from 4,050 cubic feet last year to 8,755 this year; although it must expand yet further to reach the average. Similarly the removal of fuel rose to 86,118 cubic feet as against 66,124 cubic feet last year.

(41.) 1,04,721 bamboos were removed as against 4,223 last year, showing a quite desirable increase.

(42) Rs. 443 were realized from grass and grazing as against Rs. 21/- last year.

(43.) The sale of minor produce brought in Rs. 889/- against 1,134 last year.

III Free grants and Removal by Right-holders.

(a.) Timber.

(44.)	A class free of charge ...	...	354	cubit feet.
	B. & C. classes at reduced rates ...	...	6,072	"
	Total ...	...	<u>6,426</u>	"

(b.) Firewood.

(45.)	A. & B. classes free of charge ...	...	1,14,679
	C. class at reduced rates ...	...	<u>39,919</u>
	Total ...	...	<u>1,54,598</u>

(c.) Bamboos.

(46.)	A. class free of charge ...	...	...
	B. & C. classes at reduced rates ...	...	<u>500</u>
	Total ...	...	<u>500</u>

(d.) Grass and Grazing.

I.—GRASS.

(47.)	A. & B. classes free of charge ...	...	1,05,135
	C. class at reduced rates ...	...	<u>778</u>
	Total ...	...	<u>1,05,913</u>

II.—GRAZING.

(48.)	A. class free of charge ...	...	2,354
	B & C classes at reduced rates ...	...	<u>2,807</u>
	Total ...	...	<u>5,161</u>

(Exclusive of Raipur and Ghanerao).

(c) Mohya and kamri.

49.	A class free of charge...	...	3,884	Head loads.
	B and C classes at reduced rates ...	...	...	"
	Total ...	...	<u>3,884</u>	"

CHAPTER V.

Financial Results.

50. The actual revenue amounted to Rs. 22,182/ against Rs 19,698/ last year and Rs 13,754/ the year before.

51. The expenditure came to Rs 18,139.

52. The receipts and charges of the last 3 years compare as follows:—

Particulars.	1899-1900.	1900-1901.	1901-1902.	Remarks.
Receipts	13,754	19,698	22,182	
Charges	19,042	19,322	18,139	
Deficit	5,288	...	...
Surplus ... ..	...	376	4,043	

53. It would be observed that the finances of the Department are, after an abnormal ebb in 1899-1900, fast rallying round to their normal state, giving a surplus of—Rs 5,288 + 376 and + 4,043, as shown in the table above.

54. The financial results of the Jagir forests stand as follows:—

		1900-1901.	1901-1902.
Raipur:—			
Receipts ... ..	...	3,884-0-0	1,965-0-0
Charges ... ..	...	1,346-0-0	1,893-0-0
Surplus ... ..	...	2,558-0-0	72-0-0
Ghanerao:—			
Receipts ... ..	...	373-0-0	388-0-0
Charges ... ..	...	334-0-0	309-0-0
Surplus ... ..	...	39-0-0	79-0-0
Bar:—			
Receipts ... ..	...	30-0-0	282-0-0
Charges ... ..	...	32-0-0	33-0-0
Surplus ... ..	...	...	249-0-0
Deficit ... ..	...	2-0-0	...
Barantia:—			
Receipts ... ..	...	...	23-0-0
Charges ... ..	...	60-0-0	61-0-0
Deficit ... ..	...	60-0-0	38-0-0
Babra:—			
Receipts ... ..	...	...	9-0-0
Charges ... ..	...	60-0-0	60-0-0
Deficit ... ..	...	60-0-0	51-0-0
Somel:—			
Receipts ... ..	...	101-0-0	176-0-0
Charges ... ..	...	48-0-0	60-0-0
Surplus ... ..	...	53-0-0	116-0-0

CHAPTER VI.

Village Fuel and Fodder Reserves.

55. An addition of 4 square miles was made under this head and a reserve started at Pali. The following is the distribution of the area.

Name.	Area in Bighas.
Bhambolai	1,800
Sampa	554
Sowania	437
Deoli	1,400
Udesi Kua	1,329
Khamal	295
Sadawas	78½
Bomadra	464½
Miniari	1,303
Bala	1,136
Hemliawas	150
Barsan	100
Gudha Bishnoyan	1,000
Pali	6,400

56. Babul and Dhau were sown at Hemliawas, Barsan and Udesi Kua reserves, but with no great success, the rains ceasing rather too early.

57. At Bhambolai and other reserves a miscellany of species were sown, with however no better results than in other forests, Nawagaon only being an exception, where the plants could, more or less, thanks to the subsoil moisture, resist the drought. It is recommended that areas situate similarly below Bands, should be sown with Babul.

58. The revenue and expenditure under this head stand as below:—

Revenue	Rs. 18-4-0
Expenditure	,, 674-8-7

CHAPTER VII.

Arboriculture.

59. No new plantations or roads were taken in hand.

60. 835 plants were utilised in filling in gaps in roads and plantations Nos. 8 and 9 ; of them Chopasni received 335 and Ratanada 104; the repairs in other roads and areas being too few to claim mention severally.

61. Of the plants at Durbar's Bungalow, Jaman succeeded best in the ground behind the Bungalow; while the plantations could grow Nim and Siris only. There were 4,679 plants as the year closed as under:—

		No
Plantation Nos. 8 and 9	...	2,657
Behind the Bungalow	...	1,388
Polo ground	...	169
Race Course	...	342
Stables	...	123
Total	...	4,679

(62) The nurseries at Plantations Nos. 7 and 8 as also those at Chopasni, Balsamand and Ratanada, were maintained. They had 4,268 plants, of which 2,060 were Nim, 50 Shisham, 1,450 Siris, 150 mangoes, 125 Jaman and some others.

(63) Plantation Nos. 1 and 7 as also Nos. 1 and 2 at Balsamand and those at Chitar, were looked after. They had no planting done in them

(64) 21,309 plants received no watering while 10,715 did.

(65) The revenue from arboriculture came to Rs. 427-5-6 while the expenditure amounted to Rs. 9,544-13-9 as under :—

	Rs.	a.	p.
Protective Establishment	...	1,033	4 0
Office	...	172	13 0
Watering	...	2,387	6 9
Malies	...	1,878	12 9
Working of wells	...	1,385	0 0
Feed and keep of bullocks	...	1,636	8 4
Nurseries and Plantings	...	86	0 6
Fencing	...	689	0 3
Tools	...	5	12 0
Miscellaneous	...	270	4 2
Total	...	9,544	13 9

CHAPTER VIII.

Gardens.

(66) The Residency and other Bungalow gardens were looked after and kept up.

(67) At Ratanada 104 new plants were put out to fill in gaps.

(68) A part of Nanemian's garden was let out for Rs. 84. The rains were partial and the contractor could not grow a crop and left away.

(69) The Desuri gardens were looked after and kept up. The wells that supply water to the gardens fail often to hold out, sadly interfering with the up-keep of the vegetation there.

(70) The Sadri Band garden was let out for Rs. 111 and continued to be looked after by the Ranger. It has a collection of fine graft mangoes, while the position of the garden yields itself excellently well to their growth, and the extension of these graft mangoes had well be insisted upon.

(71) The financial results of the gardens were as under :—

			Rs.	a	p.
Revenue	...	...	444	8	6
Expenditure	...	...	3,016	3	11

CHAPTER IX.

General.

(72) 2 Jamait Sowars of Kot and 2 of Rohat and Baroo remained with the Department. The Hakumat or the Bakhshi Jagir sent in no Sowar, and mercenary ones continued to be employed instead.

(73) Forest Ranger Gokal Chand held charge of Sewari Range and gave satisfaction.

(74) Forest Ranger Rakhesur remained in charge of Desuri Range giving satisfaction.

(75) Forest Ranger Chaterbhuj held charge of Sojat Range, supervising the survey work and pushing forward the establishment of Depots with satisfaction.

(76) Forest Ranger Daulat Ram remained in charge of Siwana Range, while Jagan Nath held change of Raipur, giving satisfaction.

(77) The office establishment worked satisfactorily, the Head Clerk Dasu Ram and the Reader, Munshi Roop Narain claiming special mention.

(79) The following forms are hereto attached :—

Form	...	...	...	No.	49
"	...	...	...	"	50
"	...	...	...	"	51
"	...	...	...	"	54
"	...	...	...	"	55
"	...	...	...	"	56
"	...	...	...	"	58
"	...	...	...	"	59
"	...	...	...	"	60
"	...	...	...	"	61
"	...	...	...	"	62

ANNUAL FORM NO. 49.

Forest Department Marwar state. Area of Forests for 1901-1902.

State.	Range.	AREA ON 1st APRIL 1901.		Added during the year.	Excluded or transferred to other heads.	AREA ON 1st APRIL 1902.		Number and date of Kafiat of addition and transfer.	Remarks.
		Acres.	Equivalent in square miles.			Acres.	Equivalent in square miles.		
Khalsa	Godhwar	1,24,230	194.11	1,24,230	194.11	Besides these 11.75 square miles are reserved as Fuel and Fodder Reserves.
	Sojat	41,600	65	...	...	41,600	65	.....
	Siwana	3,840	6	...	...	3,840	6	.....
Jagir	Raipur	8,320	13	...	...	8,320	13	.....
	Ghanerao	3,277	5.12	...	...	3,277	5.12	.....
	Bar	480	.75	...	...	480	.75	.....
	Barantia	960	1.50	...	...	960	1.50	.....
	Babra	960	1.50	...	...	960	1.50	.....
	Somel	1,920	3	...	...	1,920	3	.....
	Pi, Basi, Banwal, Mayapur, Kalyatra, and Bidlad	7,360	11.50	...	...	7,360	11.50	.....
	Mokalsar, Ramnia, Mewri, Gangrot, Golia, Piploon, Gudhanal, Sener Kandal, Sela Janpur, Mangi, Dhiran Telwara, and Bhagwan.	21,760	34	...	...	21,760	34	.....
	Total	2,14,707	335.48	...	...	2,14,707	335.48	.....

ANNUAL FORM No. 50.*Forest Department Marwar State. Register of Breaches of Forest Rules during 1901—1902.*

	Cases pending from 1900-1901.	NEW CASES OF THE YEAR.						DISPOSED OF DURING THE YEAR.						Cases pending at close of the year.	REMARKS
		Injury of Forests by fire.	Unauthorized felling or appropriation of wood & minor produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases during the year.	Total cases.	CONVICTIONS.		ACQUIT-TALS.		TOTAL.			
								Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
A.—Cases tried by Magistrates :—															
Godhwar { Sewari ...	6	...	2	.....	3	5	11	7	12	3	3	3	10	15	1
Desuri ...	11	...	3	.....	2	6	17	3	3	...	11	11	14	14	3
Sojat ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Sivana ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Parbatsar ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Raipur ...	2	...	7	.....	...	8	10	6	6	...	...	3	9	9	1
Ghanerao ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Total ...	19	1	12	1	5	19	38	16	21	17	17	33	38	5	5
B.—Cases Compounded by Forest Officials :—															
Godhwar { Sewari ...	...	...	25	10	58	93	93	93	108	...	...	...	93	108	...
Desuri ...	...	2	15	6	17	40	40	40	496	...	...	...	40	496	...
Sojat ...	...	...	82	6	7	95	95	95	128	...	...	...	95	128	...
Sivana ...	...	...	34	4	34	72	72	72	106	...	...	...	72	106	...
Parbatsar ...	...	...	25	.....	5	30	30	30	40	...	...	...	30	40	...
Raipur ...	...	...	42	.....	294	336	336	336	368	...	...	...	336	368	...
Ghanerao ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	2	223	26	415	666	666	666	1,406	...	...	...	666	1,406	...
Grand Total ...	19	3	235	27	420	686	704	682	1,427	...	...	...	682	1,441	5

ANNUAL FORM NO. 51.*Area of Forest Tracts protected from Fire during the dry Season 1901-1902.*

Range.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1901.	During dry season of 1902.			Cost during the season.	REMARKS.
				Area attempted to be protected.	Failures.	Actually protected.		
KHAISA. { Godhwar Sojat Siwana	Sewari	1891	1,13,590	1,13,000	230	1,13,370	159 2 0	
	Desuri-	"	10,580	10,630	326	10,304	70 2 6	
	Kantalia	"	41,000	41,600	...	41,600	25 0 0	
	Siwana	1898	3,840	3,840	...	3,840	10 15 9	
	Total	...	1,09,610	1,09,670	556	1,09,114	265 4 3	
Raipur	Raipur	1894	8,320	8,320	192	8,128	19 0 0	
	Ghanerao	1895	3,277	3,277	...	3,277	...	
	Bar, Barantia Babra and Somel	1896	4,160	4,320	...	4,320	...	
	Pi, Basi, Banwal, Mayapur, Kal-yatra and Bidlad.	1897	7,360	7,360	...	7,360	...	
	Mokalsar, Ramania, Mevri, Gungrot, Gudhannal, Sener, Golis, Piploon, Kandal, Sela, Jaupur, Mangi, Dhiran, Telwara, and Bhagwan.	1898	21,760	21,760	...	21,760	6 0 0	
		...						
	Grand Total	...	2,14,487	2,14,707	748	2,13,959	290 4 3	

ANNUAL FORM No. 54.

Forest Department Marwar State. Outturn (in cubic feet solid) of Timber and Fuel during the year 1901-1902 and agency of exploitation.

RANGE.	TIMBER IN THE ROUGH LOGS.				TIMBER IN THE ROUGH POLES.				SAWN OR SQUARED TIMBER.				MISCELLANEOUS.				FUEL.				Total.
	Hay Agency.	Purchasers.	Free grants.	Right holders.	Total.	Hay Agency.	Purchasers.	Free grants.	Right holders.	Total.	Hay Agency.	Purchasers.	Free grants.	Right holders.	Total.	Miscellaneous.	Hay Agency.	Purchasers.	Free grants.	Right holders.	Total.
Godhwar ... {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sewari ... {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Desuri ... {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sojat ... {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Siwani ... {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Purbatsar ... {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	831	8,755	...	0,420	10,012	...	...	...	...	...	4,800	86,118	...	1,54,598	2,45,510	...	...	...	...	...	2,01,528
Raipur ...	49	275	...	1,081	1,405	...	...	...	...	...	11,744	40,649	...	4,500	96,893	...	...	...	...	...	98,208
Ghanerao ...	...	32	...	1,007	1,039	...	...	...	...	...	...	...	...	10,600	16,600	...	...	...	...	...	17,639
Total ...	49	307	...	2,088	2,444	...	...	...	...	...	11,744	40,649	...	21,100	1,13,493	...	...	...	...	...	1,13,937
Grand Total ...	880	9,062	...	8,514	18,456	...	...	...	...	...	16,544	1,26,767	...	1,75,698	3,59,009	...	...	...	...	...	3,77,465

ANNUAL FORM NO. 55.—Continued.

Forest Department Marwar State. Outturn of minor produce during the year 1901-1902.

Range.	Description of produce.	RAJ AGENCY.		PURCHASERS.		FREE GRANTS.		RIGHT HOLDERS.		TOTAL.		REMARKS.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
SOJAT	Brought forward	..	..	..	..	..	..	..	..	..	..
	Bamboos	..	..	57	2	..	..	..	..	57	2	
	Grass (Head loads)	..	..	601	5	..	..	..	..	1,077	13	
	Do. (carts)	..	..	10	3	..	..	..	..	10	3	
	Grazing cattle	..	..	..	..	..	..	..	..	400	57	
	Kamri (Head loads)	..	..	300	26	..	..	1,075	151	1,975	180	
SIWANA	Mangoes	..	..	..	19	..	..	..	..	..	19	
	Era leaves (Head loads)	..	..	..	..	..	..	..	..	..	..
	Miscellaneous	..	..	578	39	..	..	..	..	578	39	
	Grass (Head loads)	..	..	2,329	16	..	..	98,500	1,382	1,00,829	1,398	
SIWANA	Do. (carts)	..	..	4	1	..	..	1,370	342	1,374	343	
	Pala (do.)	..	..	2	2	..	..	41	22	46	23	
	Do. (Head loads)	..	..	106	7	..	..	..	..	106	7	
	Grazing cattle	..	..	99	21	..	..	2,354	1,005	2,453	1,026	
PANDATSAR...	Grass (Head loads)	..	..	54	2	..	..	80	1	114	3	
	Do. (carts)	..	..	16	0	..	..	..	..	16	6	
	Grazing cattle	..	..	6	2	..	..	1,811	172	1,816	174	
	Miscellaneous	..	..	128	8	..	..	..	..	128	8	
	Total	14,841	1,206	1,16,280	1,948	..	..	1,18,066	3,035	2,50,087	7,089	

[illegible]

ANNUAL FORM NO. 56.

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.				
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.			
TIMBER.												
<i>Balance at commencement of the year—.</i>												
<i>Sewari Range.</i>												
I BAURA DEPOT.												
Singri ...	10	...	DISPOSAL— L. Timber DISPOSAL. Removed by purchasers from Depot. <i>Sewari Range.</i> I Sewari depot.	...	Golia ...	2	...	...	236	
Diogar ...	10	...			Singri ...	18						
Upla ...	7	...			Do. ...	27						
Ins ...	153	...			II. Bisalpur depot.							
Golia ...	12	...			Musal ...	1						
Mayal ...	2	...			Pat ...	6						
Balli ...	8	...			Bali ...	75						
Danda ...	15	...			Golia ...	21						
Paga ...	55	...			Paga ...	45						
Musal ...	2	...			Danda ...	15						
Thapa ...	1	...	DISPOSAL— L. Timber DISPOSAL. Removed by purchasers from Depot. <i>Sewari Range.</i> I Sewari depot.	...	Plank ...	2						
Kani ...	12	...			III. Behra depot.							
Thakar ...	...	...			Ital ...	1				
II Sewari depot—		...			IV. Sedhri depot.							
Singri ...	38	...			Singri ...	17						
Diogar ...	41	...			Musal ...	2						
Peed ...	214	...			Golia ...	1						
Desuri Range.		...			Desuri Range.							
Dandus ...	536	...			Desuri Range.							
							236				

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ANNUAL FORM No. 55--Continued.

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1901-1902.

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ANNUAL FORM NO. 56. (continued.)

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depot or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Pali Depot, Peed ...	220		220		Hal ...	2			
...	...				Thekar ...	51			
Total cross receipts ...			2,313		Beola ...	4			
					Bank ...	2			
Total Receipts ...			6,085		Sejat Range.			607	
Grand total ...			15,394		Saran depot.				
					Theleti ...	2			
					Gola ...	80			
					Chokani danda	4			
					Ins ...	2			
					Lathia ...	157			
					Upla ...	122			
					Axe handle	34			
					Dingar ...	523			
					Beola ...	11			
					Kasi danda	56			
					Pat ...	8			
					Pirani ...	118			
					Peed ...	451			
					Babul log	1			
					Danda ...	4			
					Thobli ...	1			
					Kani ...	3			
					Dingar ...	50			

ANNUAL FORM NO. 56. (continued.)

Forst Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to sale depot or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
					<i>Puli depot</i>				
					Thaker ...	81			
					Pat ...	134			
					Lathning ...	8			
					Ins I & II ...	129			
					Paga ...	87			
					Dinger ...	104			
					Upia ...	23			
					Hal ...	2			
					Patia sahr ...	20			
					Babwan ...	1			
					Thobli ...	19			
					Mayal ...	5			
					Kani ...	210			
					Ecola ...	8			
					Danda ...	995			
					Musal ...	6			
					Golia ...	41			
					Pagi ...	35			
					Singri ...	310			
					Bunk ...	8			
					Peet ...	211		2,490	
					<i>Jodhpur Range.</i>				
					Jodhpur depot.				
					Lath Rohan	10		10	
					Total balance ...			7,007	
					Grand Total ...			15,381	

ANNUAL FORM NO. 56.—Continued.

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to Sale Depot or sold locally during 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
					CHAR COAL.				
					DISPOSAL.				
Balance at commencement of the year. ...	40		40		I. True disposal.				
Jodhpur Range Mds. ...					Sold locally.				
Total ...			40		Sojat (Mds) ...	23		23	
RECEIPTS.					Removed by purchasers from Depot.	88		88	
True receipts.					Jodhpur (Mds) ...				
Received during the year by converting firewood.					Total .			111	
Sewari (Mds.) ...	300		300		Total true disposal ...			111	
Sojat (do) ...	1,096		1,096		II Cross disposal				
Sivana (do) ...	45		45		Sewari (Mds) ...	173		173	
Total ...			1,441		Sivana (do) ...	33		33	
II Cross receipts.					Total cross disposal ...			206	
Transferred from other Depot.					Total disposal ...			317	
					Balance at close of the year.				
					Sewari (Mds) ...	165		165	
					Sojat (do.) ...	1,073		1,073	

Jodhpur (Mds)	...	206	206	206	...	12
	Total	...	206	206	...	120
	Grand total	...	1,687	1,687	...	1,370
BAMBOOS.						
Balance at commencement of the year.						
Sevari	958	958	958	...	3,109
Desuri	2,572	2,572	2,572	...	218
Pali	25,777	25,777	25,777	...	904
Jodhpur	...	21,054	21,054	21,054	...	3,109
Total balance.	...	50,301	50,301	50,301	...	218
RECEIPTS.						
I. True receipts.						
Received from forest during the year						
ent departmentally.						
Sevari	10,156	10,156	10,156	...	5,000
Confiscations Sevari	...	340	340	340	...	5,000
Total	...	10,496	10,496	10,496	...	9,291
III. Cross receipts.						
Transferred from other depot.						
Sojat Range	...	5,000	5,000	5,000	...	0,454
Total receipts	...	15,496	15,496	15,496	...	2,354
Grand total	...	65,857	65,857	65,857	...	5,000
Balance at close of the year.						
Sevari	22,668
Desuri	20,090
Sojat	56,566
Pali	65,857
Jodhpur...	65,857
Total balance	65,857
Grand Total	65,857

ANNUAL FORM NO. 56—Concluded.

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to Sale Depot or sold locally during 1901-1902.

Particulars.	No. or Quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or Quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or Quantity.	Cubic feet.				No. or Quantity.	Cubic feet.
			MINOR PRODUCE.						
			DISPOSALS.						
Balance at commencement of the year.					Sold locally <i>Seewari Range.</i>	92		92	
RECEIPTS.					Mohoya (Halls) ...				
<i>Seewari Range.</i>					Disposal Total ...			92	
Grass (Mds.) ...	4,405		4,085		Balance at close of the year.				
Mohoya Head loads ...	280		4,685		<i>Seewari Range.</i>				
Total ...					Grass (Mds) ...	4,405			
					Mohoya Head loads...	188		4,593	
					Total ...			4,593	
					Grand total ...			4,685	

Forest Department Marwar State. Summary of Revenue of Marwar Forests during 1901-1902.

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ANNUAL FORM NO. 58.—Continued.

Forest Department Marwar State. Summary of Expenditure of different ranges Marwar Forests during 1901-1902

BUDGET HEADS	Direction.	Sewari Range.	Desuri Range.	Sojat Range.	Siwana Range.	Parbatsar Range.	Pali Range.	Jodhpur Range.	Total.	Remarks
A CONSERVANCY.										
<i>I.—Timber and other produce removed from the Forests by Ray Agency —</i>										
(a) Timber	115	15	77	183	8	..	109	27	112	96
(b) Firewood and charcoal	11	102	53	135	11	..	229	318	1,090	7
(c) Bamboos	..	429	11	304	12	..	..	5	788	10..
(d) Grass and other minor produce	1	325	85	48	7	..	..	..	112	153
<i>II.—Timber and other produce removed from the Forests by purchasers or consumers.</i>										
<i>III.—Confiscated drift and wastewood.—</i>										
<i>IV.—Revenue from Forests not managed by Ray —</i>										
(a) Duty on foreign timber and other Forest produce	..	..	..	6	2	6	..	..	6	66
(b) Revenue from shared and private Forests.	..	..	..	..	..	..	..	..	..	..
<i>V.—Revenue from leased Forests and payment to share holders in Forests managed by Ray.—</i>										
<i>VI.—Live stock, stores, tools and plants.—</i>										
(a) Purchase of cattle	..	..	..	..	..	..	..	..	..	..
(b) Feed and keep of cattle	..	..	..	..	..	..	..	..	..	..
(c) Purchase of stores, tools and plants	..	7	10	3	1	6	..	..	18	86
<i>VII.—Communications and Buildings —</i>										
(a) Roads and Bridges	..	..	..	..	..	..	..	..	..	..
(b) Buildings	..	5	..	..	..	..	..	..	61	116
(c) Other works	..	81	32	100	13	9	..	..	352	126
<i>VIII.—Demarcation improvement and extension of Forests —</i>										
(a) Demarcation	..	165	87	20	..	..	..	..	292	23
(b) Compensation of land	..	..	..	..	19	6	..	..	..	..
(c) Surveying and working plans	91	..	..	..	..	..	..	..	..	..
(d) Sowing and planting	..	90	96	14	6	..	..	..	507	411
(e) Protection from fire	..	120	108	11	..	..	..	..	273	101
(f) Other works	..	..	..	..	102	13	..	..	151	34
<i>IX.—Miscellaneous —</i>										
(a) Refunds	..	..	..	..	..	..	..	..	..	..
(b) Law charges	60	31	92	71	11	..	15	..	115	101
(c) Other charges	..	..	..	..	..	..	..	..	..	..
Total A. Conservancy ..	271	1,112	916	1,181	7	5	354	381	5,128	38

ANNUAL FORM NO. 58.—(Continued.)

Forest Department Marwar State **Summary of Expenditure of different Ranges of Marwar Forests during 1901-1902.**

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ANNUAL FORM NO. 59:

Forest Department Maricar State. Account current for the year 1901-1902.

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ANNUAL FORM No. 60.
FOREST DEPARTMENT MARWAR STATE.
Revenue received and outstandings on account of Revenue during 1901-1902.

Range.	Particulars.	Outstandings at commencement of year.		Value of sales and other revenue during year.		Total.	Amount realized during year.	Balance due to the Department at end of year.	Remarks.
Sewari	...	3,120	2 9	3,134	10 3	6,254	13 ...	530	5 9
Desuri	...	615	8 6	2,362	6 3	2,977	14 9	886	... 6
Sojat	...	741	1 ...	2,308	7 9	3,049	8 9	331	5 ...
Siwana	703	4 3	703	4 3	...	...
Parbatsar	374	12 9	374	12 9	...	...
Pali	330	...	330	...	...	...
Jodhpur and Direction	4,994	12 ...	10,581	5 4	15,576	1 4	5,336	5 9
	Total	9,471	8 2	19,704	14 7	29,208	6 10	7,084	1 ...
Raipur	...	34	2 6	1,986	11 6	2,020	14 ...	55	15 6
Ghanerao	387	15 0	387	15 0	...	...
Bar	282	2 ...	282	2 ...	...	...
Barantia	22	15 ...	22	15 ...	...	...
Babra	9	3 ...	9	3 ...	...	...
Somel	175	12 ...	175	12 ...	...	...
	Grand total	9,471	8 3	22,650	9 7	32,131	1 10	7,139	8 6

ANNUAL FORM NO 61.
FOREST DEPARTMENT MARWAR STATE.
Outstandings and Liabilities on account of Contractors and Disbursers for 1901-1902.

Range.	DEPARTMENT DEBTOR.			DEPARTMENT CREDITOR.			BALANCE DUE.		Remarks.	
	At com- mencement of year.	Recoveries in cash and value of sup- plies & work done during the year.	At close of year.	At com- mencement of year.	Payments made during year.	At close of year.	To Depart- ment (out- standings.)	By Depart- ment (Liabi- lities.)		
...	...	4,506	7 5	4,506	7 5	4,499	14 9	119	10 0	...
Gokal Chand Forest Ranger	...	3,561	12 11	3,561	12 11	3,416	9 6	14	0 9	...
Rakheshur Forest Range	...	3,264	8 4	3,264	8 4	3,300	0 0	141	0 9	...
Chaturbhuj Forest "	...	1,749	14 11	1,749	14 11	1,750	0 1	0	1 2	...
Daulat Ram Forest "	...	617	2 6	617	2 6	620	0 0	8	9 0	...
Piran Dutta Forester	...	1,332	0 11	1,332	0 11	1,588	15 0	348	11 10	...
Hazari Mul "	...	12,331	10 5	12,331	10 5	12,256	9 9	69	2 6	...
Puran Chand "	...	63	3 6	63	3 6	0	0 0	316	12 6	...
Jagirdar Raipur	...	0	0 0	0	0 0	632	9 10	2,858	3 10	...
Rao Raja Gulab Singh and other	...	0	0 0	0	0 0	0	0 0	...	...	...
Jagirdar	...	27,426	12 11	27,426	12 11	28,064	10 10	3,906	4 4	...
Total	31,333	1 3	...	...	...

ANNUAL FORM NO. 62.
FOREST DEPARTMENT, MARWAR STATE.
Financial results of the year 1901-1902.

Division.	TIMBER AND OTHER PRO- DUCE REMOVED FROM THE FORESTS BY RAJ AGENCY.		OTHER REVENUE.		FORMATION PROTECTION AND IMPRO- VEMENT OF FORESTS.	TOTAL.		REMARKS.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sewari	135	934	5,589	2,780	382	5,724	4,096	
Desuri	36	521	2,056	2,395	293	2,082	3,200	
Sojat	238	368	2,480	2,058	632	2,718	3,058	
Sivana	...	41	703	1,592	125	703	1,758	
Parbatsar	...	...	375	598	...	375	598	
Pali	380	330	...	64	...	380	403	
Total	730	2,203	11,203	9,487	1,432	11,042	13,122	
Direction	5,330	501	4,910	4,423	94	10,240	5,018	
Total Raj Department	6,069	2,704	16,113	13,910	1,526	22,182	18,140	
Raipur	...	...	1,985	1,893	...	1,965	1,893	
Ghanerao	...	...	388	309	...	388	300	
Bar	...	...	282	33	...	282	33	
Barantia	...	...	23	61	...	23	61	
Babra	...	...	9	60	...	9	60	
Somel	...	...	176	60	...	176	00	
Grand Total	6,069	2,704	18,956	16,326	1,526	25,025	20,556	

